Monthly Gas Utility Statistical Report

A 1775-2
11/81

American Gas Association

Department of Statistics

American Gas Association
1515 Wilson Blvd., Arlington, Virginia 22209
Telephone 703-841-8504

September 1981

Residential sales and commercial sales both increased in September of 1981 compared to last year. Residential sales increased 2.1 percent, commercial sales increased 0.1 percent, while industrial sales decreased 2.5 percent. This month's gas sales brought the 1981 year to date figure to 11,767.2 trillion of Btu, 2.9 percent ahead of last year's rate.

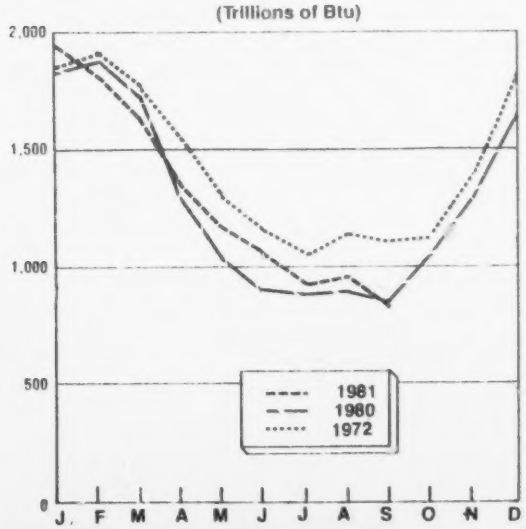
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	September			Year to Date		January 1 to December 31		
	1981	1980	% Change[2]	1981	%Change From Last Period	1981 Forecast[1]	1980*	% Change
Residential	138.5	135.7	+ 2.1	3,470.8	- 1.8	4,730.8	4,823.0	- 1.9
Commercial	101.0	100.9	+ 0.1	1,761.7	- 1.4	2,390.6	2,441.5	- 2.1
Industrial	636.1	652.4	- 2.5	6,326.0	+ 7.0	8,277.2	7,862.0	+ 5.3
Other	13.5	15.1	-	208.7	-	158.0	282.9	-
Total	889.1	904.1	- 1.7	11,767.2	+ 2.9	15,556.6	15,409.4	+ 1.0

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

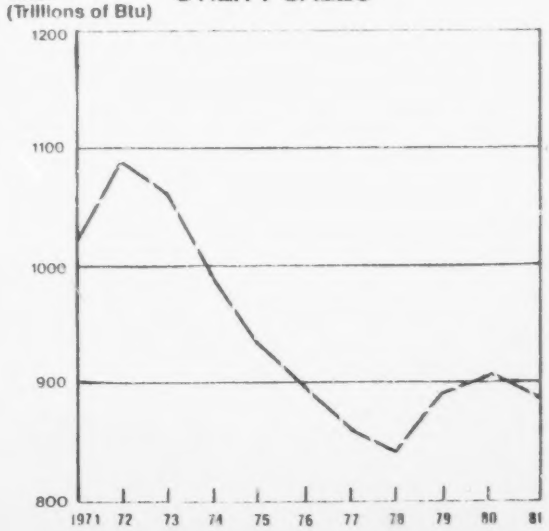
*Based on the 1980 Gas Facts.

MONTHLY GAS UTILITY SALES



The peak year in sales for the Gas Utility Industry occurred in 1972

CURRENT MONTH GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

September

	1981	1980	% Change '80 vs '81
Domestic Range			
Gas	137.8	137.6	+ 0.1
Electric	176.5	206.5	- 14.5
Clothes Dryers			
Gas	64.6	63.3	+ 2.1
Electric	228.6	221.8	+ 3.1
Warm Air Furnaces			
Gas	117.9	146.9	- 19.7
Electric	17.1	21.5	- 20.5
Oil	12.7	8.3	+ 53.0
Boilers			
Gas	19.8	28.8	- 31.2
Electric	0.2	0.3	- 33.5
Oil	9.2	5.4	+ 69.8

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

Septmeber

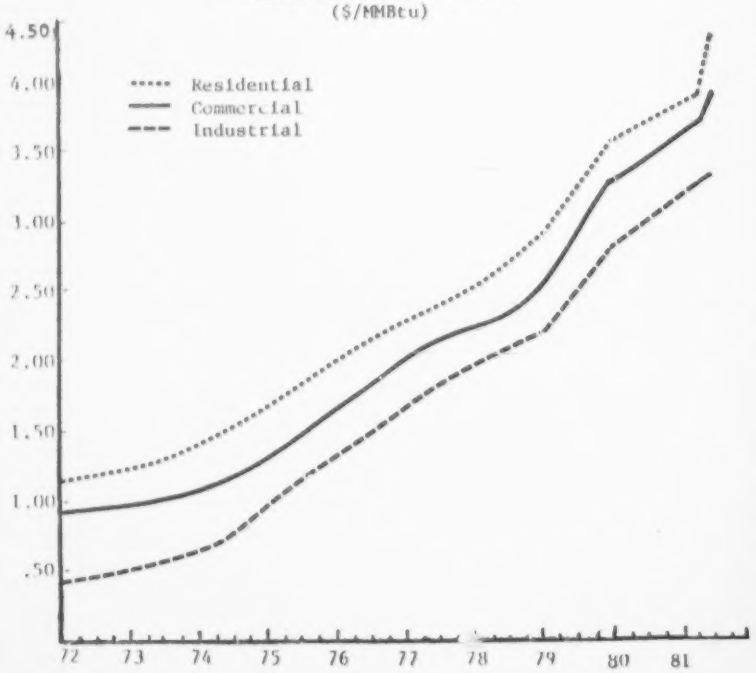
	1981	1980	% Change '80 vs '81
Total Actual Private Housing Starts (Thous. of units)	84.5	138.3	- 38.9
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	431.7	380.2	+ 13.5
Electricity	309.8	269.2	+ 15.1
Fuel Oil	705.7	785.4	- 10.2
Index Total Gas Sales (1967 = 100)	107.2	109.0	- 1.7

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL AND 1980 QUARTERLY GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1972	0.73	1.19	0.91	0.45	0.41
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.96	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981					
1st Qtr.	3.58	3.88	3.74	3.22	2.77
2nd Qtr.	3.59	4.31	3.93	3.29	2.53

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1] 1981 forecasts for the residential and commercial sectors are based on available 1981 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1981 monthly data. The remaining months of 1981 are heavily weighted by last years sales with no adjustment made for degree days.

[2] The percent change is a function of the 69 sample companies and their degree days.

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October 1981

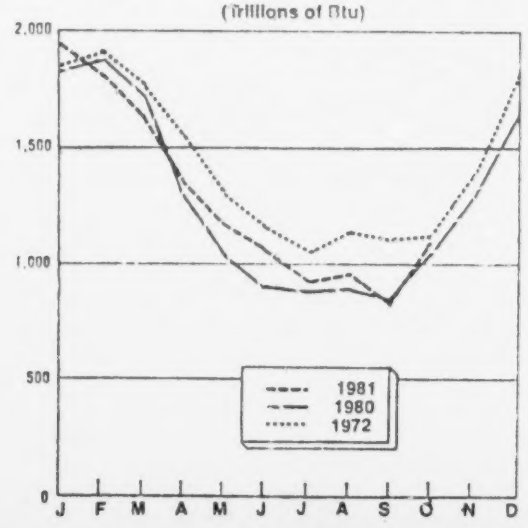
Residential sales, commercial sales, and industrial sales increased in October of 1981 compared to last year. Residential sales increased 7.3 percent, commercial sales increased 5.1 percent, and industrial sales increased 3.1 percent. This month's gas sales brought the 1981 year to date figure to 12,835.4 trillion of Btu, 3.0 percent ahead of last year's sale.

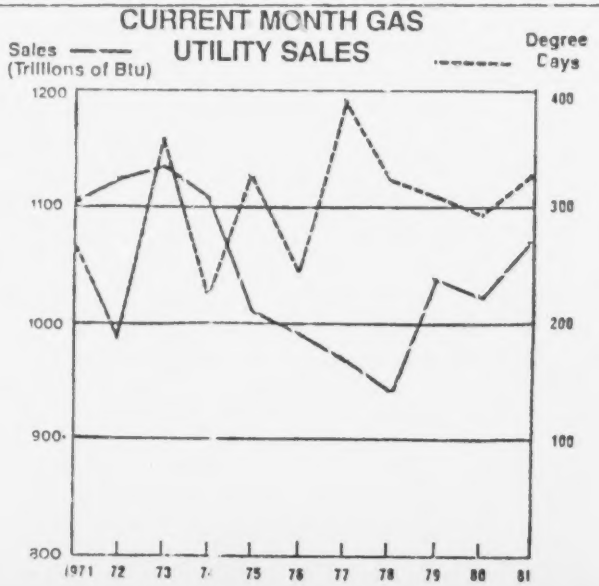
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	October			Year to Date		January 1 to December 31		
	1981	1980	% Change[2]	1981	%Change From Last Period	1981 Forecast[1]	1980*	% Change
Residential	240.8	224.5	+ 7.3	3,711.6	- 1.3	4,749.2	4,823.0	- 1.5
Commercial	139.9	133.2	+ 5.0	1,901.6	- 1.0	2,400.2	2,441.5	- 1.7
Industrial	669.3	649.2	+ 3.1	6,995.3	+ 6.6	8,297.3	7,862.0	+ 5.5
Other	18.2	16.9	-	226.9	-	181.3	282.9	-
Total	1,068.2	1,023.8	+ 4.3	12,835.4	+ 3.0	15,628.0	15,409.4	+ 1.4
Degree Days[P] (A.G.A.)	313.9	294.0	+ 6.8					

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

*Based on the 1980 Gas Facts.
[P]preliminary





The peak year in sales for the Gas Utility Industry occurred in 1972.

RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

October

	1981	1980	% Change '80 vs '81
Domestic Range			
Gas	127.8	142.5	- 10.3
Electric	191.4	257.3	- 25.6
Clothes Dryers			
Gas	57.5	73.8	- 22.1
Electric	202.9	258.9	- 21.6
Warm Air Furnaces			
Gas	141.6	174.0	- 18.6
Electric	15.5	23.3	- 30.5
Oil	12.4	10.2	+ 21.6
Boilers			
Gas	26.5	30.7	- 13.7
Electric	0.2	0.3	- 6.6
Oil	11.1	7.1	+ 54.9

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

October

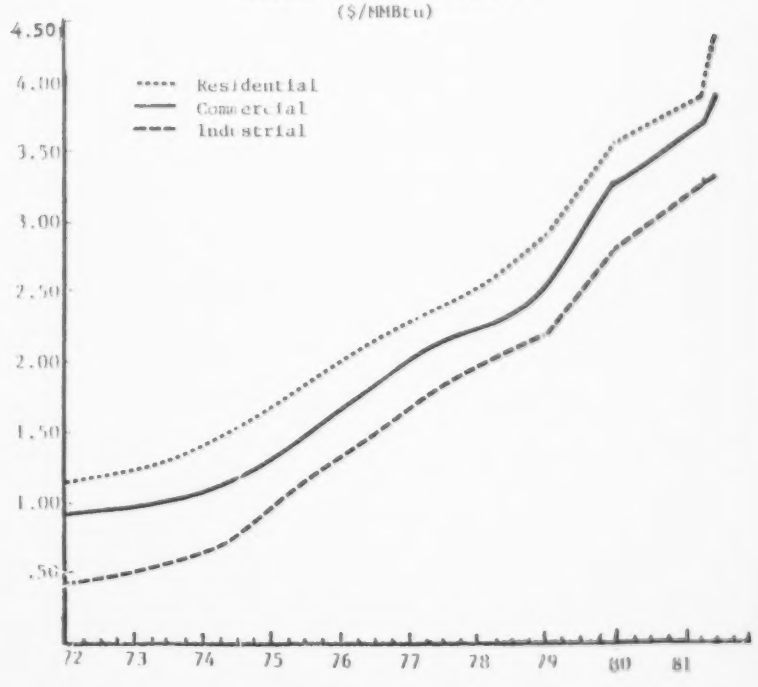
	1981	1980	% Change '80 vs '81
Total Actual Private Housing Starts (Thous. of Units)	86.2	152.7	- 43.6
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	436.5	384.5	+ 13.0
Electricity	303.0	265.3	+ 14.2
Fuel Oil	704.3	581.6	+ 21.1
Index Total Gas Sales (1967 = 100)	115.7	110.9	+ 4.3

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL AND 1980 QUARTERLY GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1972	0.73	1.19	0.91	0.45	0.41
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981					
1st Qtr.	3.58	3.88	3.74	3.22	2.77
2nd Qtr.	3.59	4.31	3.93	3.29	2.53

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1]1981 forecasts for the residential and commercial sectors are based on available 1981 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1981 monthly data. The remaining months of 1981 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies and their degree days.

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November 1981

A warm November contributed to the decline of gas sales by 1.8 percent from 1,288.9 trillions of Btu in November 1980 to 1,265.4 trillions of Btu. Residential sales decreased 7.4 percent, commercial sales decreased 8.0 percent, while industrial sales increased 3.8 percent. The year to date sales were up 2.6 percent over a year ago.

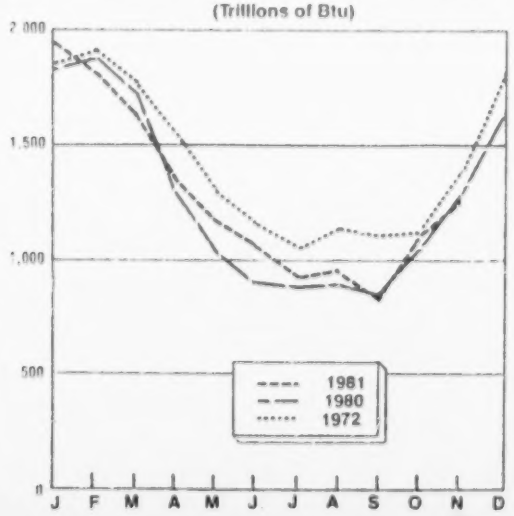
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	November			Year to Date		January 1 to December 31		
	1981	1980	% Change[2]	1981	%Change From Last Period	1981 Forecast[1]	1980*	% Change
Residential	376.5	406.5	- 7.4	4,088.1	- 1.9	4,734.5	4,823.0	- 1.8
Commercial	194.7	211.6	- 8.0	2,096.3	- 1.7	2,397.4	2,441.5	- 1.8
Industrial	670.2	645.7	+ 3.8	7,665.5	+ 6.4	8,321.8	7,862.0	+ 5.8
Other	24.0	25.1	-	250.9	-	228.0	282.9	-
Total	1,265.4	1,288.9	- 1.8	14,100.8	+ 2.6	15,681.7	15,409.4	+ 1.8
Degree Days[p] (A.G.A.)	488.0	544.1	- 10.3					

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

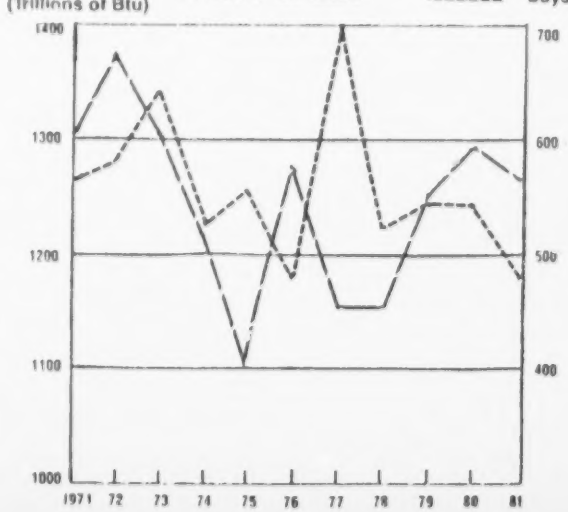
*Based on the 1980 Gas Facts.
[p]preliminary

MONTHLY GAS UTILITY SALES
(Trillions of Btu)



The peak year in sales for the Gas Utility Industry occurred in 1972.

CURRENT MONTH GAS UTILITY SALES
Sales —— Degree Days -------
(Trillions of Btu)



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

November

	1981	1980	% Change '80 vs '81
Domestic Range			
Gas	121.2	121.4	- 0.2
Electric	162.9	208.1	- 21.7
Clothes Dryers			
Gas	47.7	60.9	- 21.7
Electric	169.5	223.5	- 24.2
Warm Air Furnaces			
Gas	106.2	143.9	- 26.2
Electric	12.6	19.2	- 34.4
Oil	8.1	7.0	+ 15.7
Boilers			
Gas	17.1	24.8	- 31.0
Electric	1.3	0.3	- 52.9
Oil	8.6	6.3	+ 36.9

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

November

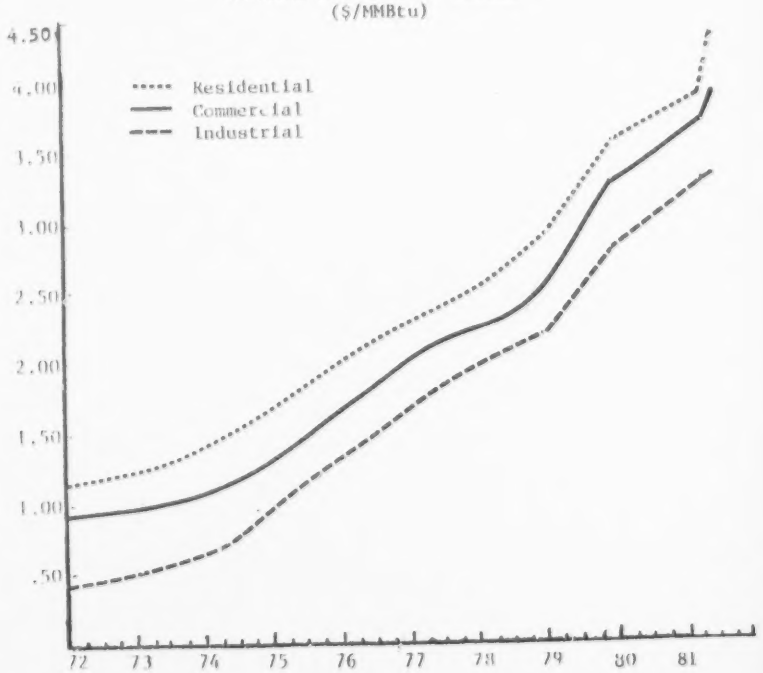
	1981	1980	% Change '80 vs '81
Total Actual Private Housing Starts (Thous. of units)	64.8	112.9	- 42.6
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	437.0	379.0	+ 15.3
Electricity	298.6	258.8	+ 15.4
Fuel Oil	706.8	590.0	+ 19.8
Index Total Gas Sales (1967 = 100)	109.9	111.9	- 1.8

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL AND 1980 QUARTERLY GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1972	0.73	1.19	0.91	0.45	0.41
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981					
1st Qtr.	3.58	3.88	3.74	3.22	2.77
2nd Qtr.	3.59	4.31	3.93	3.29	2.53

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1]1981 forecasts for the residential and commercial sectors are based on available 1981 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1981 monthly data. The remaining months of 1981 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies and their degree days.

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Monthly Gas Utility Statistical Report

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December 1981

Increased conservation contributed to the decline of residential sales from 656.7 trillion of Btu to 622.6 trillion of Btu. It appears that the impact of the economic recession resulted in a drop in industrial sales from 656.3 trillion of Btu to 643.2 trillion of Btu. Residential sales decreased 5.2 percent, commercial sales decreased 2.6 percent, and industrial sales decreased 2.0 percent. The forecast for 1981 total sales was up 1.9 percent over 1980 total sales.

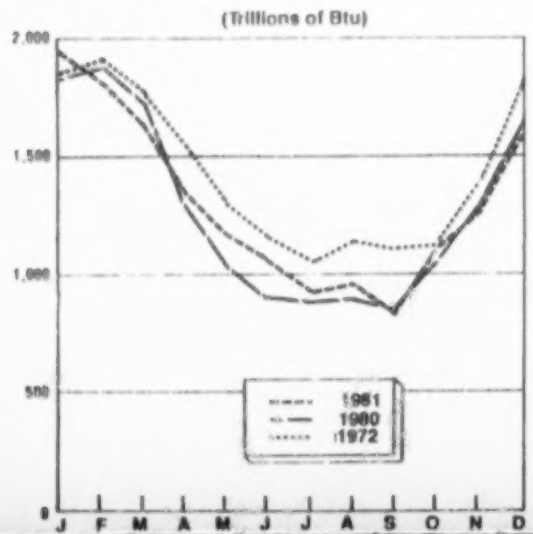
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	December			Heating Season (Nov. - Dec.)		January 1 to December 31		
	1981	1980	% Change[2]	1981	%Change From Last Period	1981 Forecast[1]	1980*	% Change
Residential	622.6	656.7	- 5.2	999.1	- 6.0	4,710.6	4,823.0	- 2.3
Commercial	301.8	309.8	- 2.6	496.5	- 4.8	2,398.1	2,441.5	- 1.8
Industrial	643.2	656.3	- 2.0	1,313.4	+ 0.9	8,308.7	7,862.0	+ 5.7
Other	36.5	38.5	-	60.5	-	287.4	282.9	-
Total	1,604.1	1,661.3	- 3.4	2,869.5	- 2.7	15,704.8	15,409.4	+ 1.9
Degree Days[p] (A.G.A.)	856.8	856.2	+ 0.1	1,344.8	- 4.0			

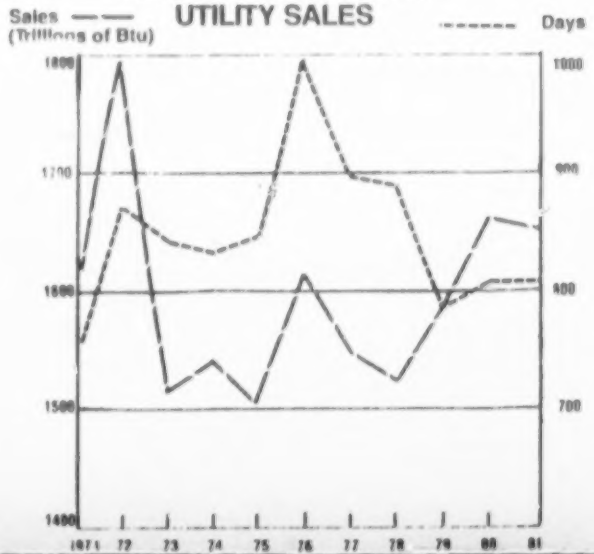
Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

*Based on the 1980 Gas Facts.
[p]preliminary

MONTHLY GAS UTILITY SALES



CURRENT MONTH GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

December

	1981	1980	% Change '80 vs '81
Domestic Range			
Gas	126.2	140.9^{R}	- 10.4
Electric	152.1	185.0^{R}	- 17.8
Clothes Dryers			
Gas	39.1	54.3	- 28.0
Electric	150.0	184.2	- 18.6
Warm Air Furnaces			
Gas	98.8	132.3	- 25.3
Electric	11.5	21.0	- 45.2
Oil	8.9	5.8	+ 53.4
Boilers			
Gas	11.3	17.7	- 36.2
Electric	0.1	0.2	- 50.9
Oil	6.4	4.6	+ 36.7

R- Revised

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

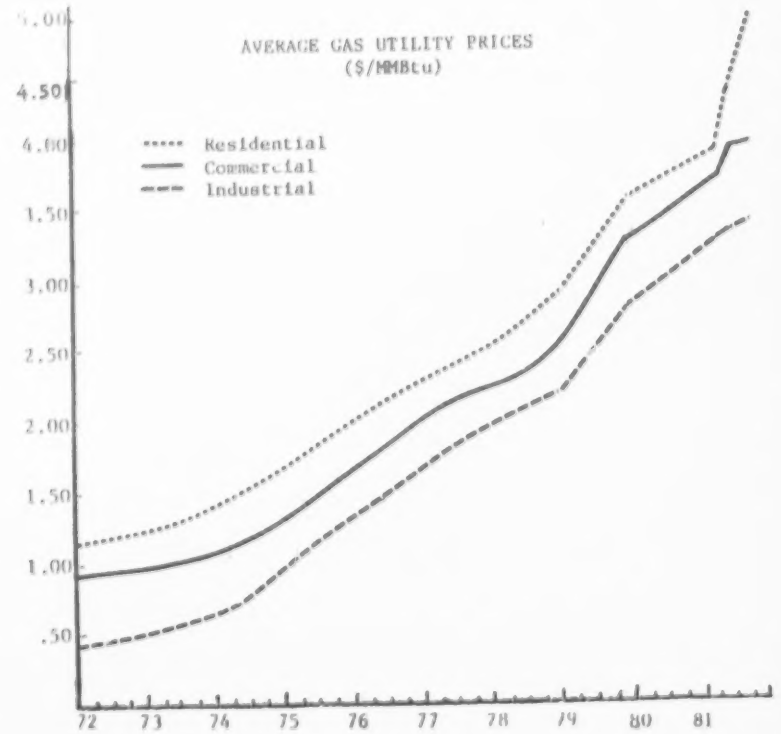
December

	1981	1980	% Change '80 vs '81
Total Actual Private Housing Starts (Thous. of units)	62.1	95.9	- 35.3
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	438.2	381.5	+ 14.9
Electricity	300.3	262.3	+ 14.5
Fuel Oil	713.5	610.0	+ 17.0
Index Total Gas Sales (1967 = 100)	113.8	117.8	- 3.4

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL AND 1980 QUARTERLY GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1972	0.73	1.19	0.91	0.45	0.41
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981					
1st Qtr.	3.58	3.88	3.74	3.22	2.77
2nd Qtr.	3.59	4.31	3.93	3.29	2.53
3rd Qtr.	3.69	4.95	3.99	3.42	2.64



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[2]The percent change is a function of the 69 sample companies and their degree days.

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January 1982

Residential sales, commercial sales, and total sales increased in January of 1982 compared to last year. Residential sales increased 3.7 percent, commercial sales increased 5.9 percent, while industrial sales dropped 4.9 percent. Total sales were up 1.4 percent from 1,949.9 trillion Btu in January 1981 to a record 1,977.7 trillion Btu in January of 1982.

GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	January			Heating Season (Nov. - Jan.)		January 1 to December 31		
	1982	1981	% Change[2]	1982	%Change From Last Period	1982 Forecast[1]	1981	% Change
Residential	901.2	869.0	+ 3.7	1,900.3	- 1.7	4,976.0	4,657.5	+ 6.8
Commercial	413.2	390.1	+ 5.9	909.7	- 0.2	2,487.1	2,374.4	+ 4.7
Industrial	619.6	651.5	- 4.9	1,933.0	- 1.1	8,139.0	8,170.9	- 0.4
Other	43.7	39.3	-	104.2	-	284.4	280.0	-
Total	1,977.7	1,949.9	+ 1.4	4,847.2	- 1.1	15,886.5	15,482.8	+ 2.6
Degree Days[P] (A.G.A.)	1,098.5	986.1	+ 11.4	2,443.3	+ 2.4			

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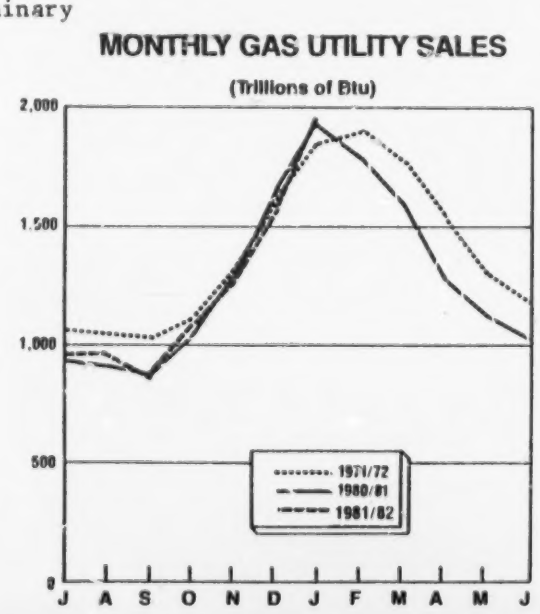
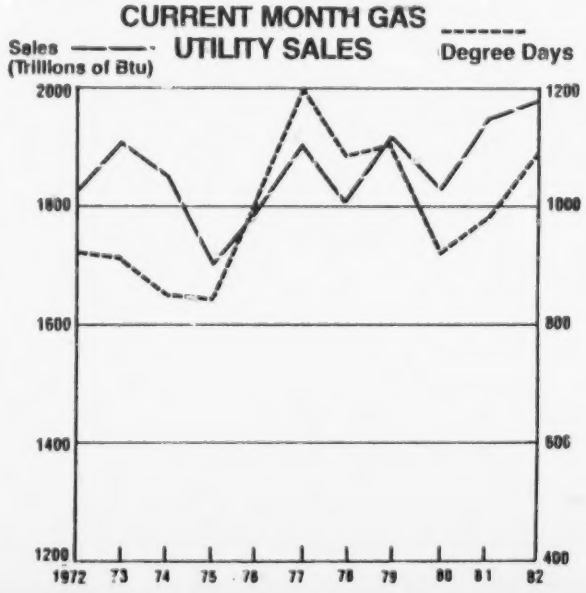
[P]preliminary





The peak year in sales for the Gas Utility Industry occurred in 1972.

RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

January

	1982	1981	% Change '81 vs '82
Domestic Range			
Gas	104.6	113.7	- 8.0
Electric	147.4	218.5	- 32.5
Clothes Dryers			
Gas	47.8	68.9	- 30.6
Electric	179.9	228.0	- 21.1
Warm Air Furnaces			
Gas	85.9	135.6	- 36.7
Electric	11.1	23.9	- 53.6
Oil	5.9	8.1	- 27.2
Boilers			
Gas	8.2	12.5	- 34.4
Electric	0.1	0.0	- 42.0
Oil	4.0	4.2	- 3.6

R- Revised

Sources: Gas Appliance Manufacturers Association

ECONOMIC INDICATORS

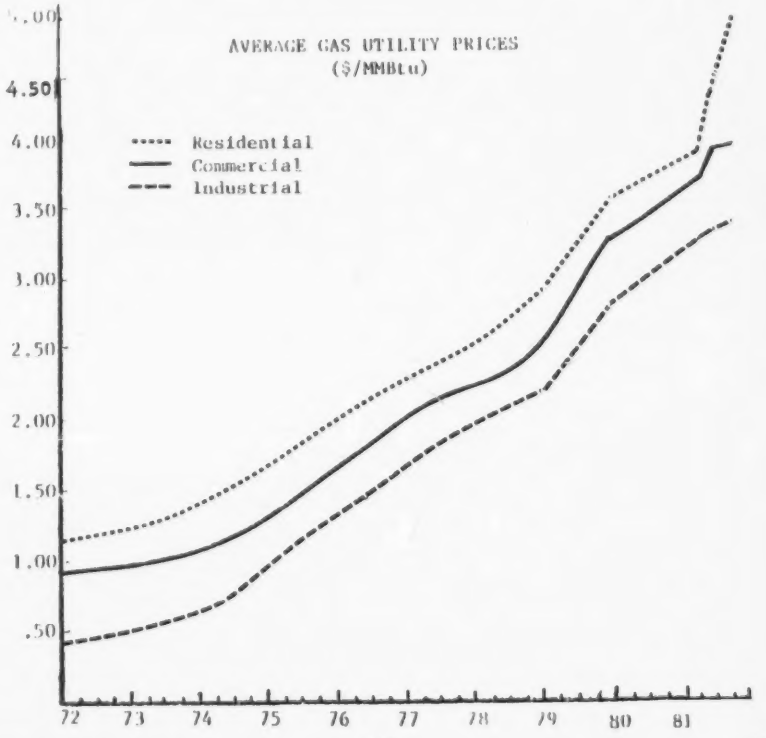
January

	1982	1981	% Change '81 vs '82
Total Actual Private Housing Starts (Thous. of units)	47.5	84.5	- 43.8
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	447.2	385.3	+ 16.1
Electricity	306.6	266.9	+ 14.9
Fuel Oil	716.8	656.0	+ 9.3
Index Total Gas Sales (1967 = 100)	131.6	129.8	+ 1.4

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL AND 1980 QUARTERLY GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1972	0.73	1.19	0.91	0.45	0.41
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981					
1st Qtr.	3.58	3.88	3.74	3.22	2.77
2nd Qtr.	3.59	4.31	3.93	3.29	2.53
3rd Qtr.	3.69	4.95	3.99	3.42	2.64



[1]1981 forecasts for the residential and commercial sectors are based on available 1981 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1981 monthly data. The remaining months of 1981 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies and their degree days.

A1775-2 5/5/82

Monthly Gas Utility Statistical Report

American Gas Association

Department of Statistics
American Gas Association
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Telephone 703-841-8503

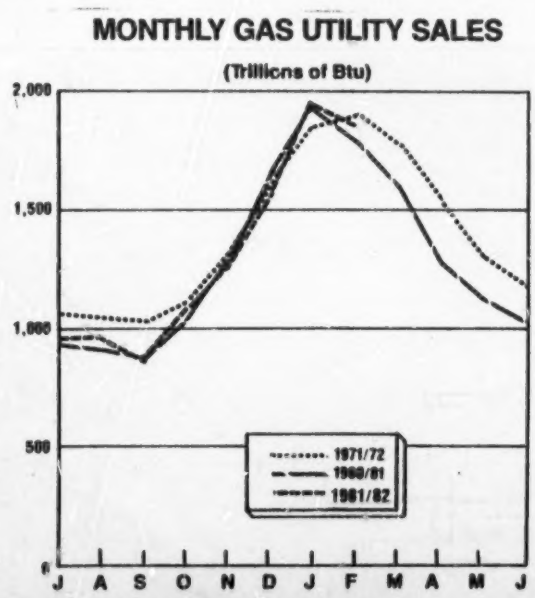
February 1982

Residential sales, commercial sales, and total sales increased in February of 1982 compared to last year. Residential sales increased 8.3 percent, commercial sales increased 5.9 percent, while industrial sales dropped 2.8 percent. Total sales were up 4.7 percent from 1,773.3 trillion Btu in February 1981 to 1,857.0 trillion Btu in February of 1982.

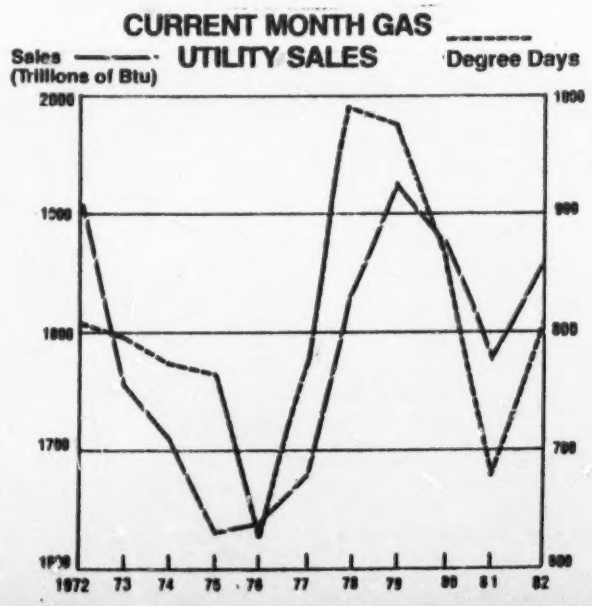
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	February			Heating Season (Nov. - Feb.)		January 1 to December 31		
	1982	1981	% Change[2]	1982	%Change From Last Period	1982 Forecast[1]	1981	% Change
Residential	817.6	755.0	+ 8.3	2,717.9	+ 1.1	4,964.6	4,657.5	+ 6.6
Commercial	375.8	342.0	+ 9.9	1,285.5	+ 2.6	2,490.3	2,374.4	+ 4.9
Industrial	623.1	641.0	- 2.8	2,556.1	- 1.5	8,121.1	8,170.9	- 0.6
Other	40.5	35.3	-	144.7	-	289.6	280.0	-
Total	1,857.0	1,773.3	+ 4.7	6,704.2	+ 0.5	15,865.6	15,482.8	+ 2.5
Degree Days[P] (A.G.A.)	811.6	681.9	+ 19.0	3,254.9	+ 6.1			

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.



The peak year in sales for the Gas Utility industry occurred in 1972.



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

February

	1982	1981	% Change '81 vs '82
Domestic Range			
Gas	109.6	117.6	- 6.8
Electric	143.3	197.6	- 27.5
Clothes Dryers			
Gas	52.5	52.4	+ 0.2
Electric	181.8	191.4	- 5.0
Warm Air Furnaces			
Gas	69.8	122.9	- 43.2
Electric	13.9	20.2	- 31.2
Oil	6.0	5.4	+ 11.1
Boilers			
Gas	9.2	10.0	- 8.0
Electric	0.1	0.1	- 40.2
Oil	3.4	3.8	- 9.3

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

February

	1982	1981	% Change '81 vs '82
Total Actual Private Housing Starts (Thous. of units)	51.3	71.9	- 28.7
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	450.8	389.0	+ 15.9
Electricity	306.8	271.3	+ 13.1
Fuel Oil	713.8	712.0	+ 0.3
Index Total Gas Sales (1967 = 100)	130.2	124.3	+ 4.7

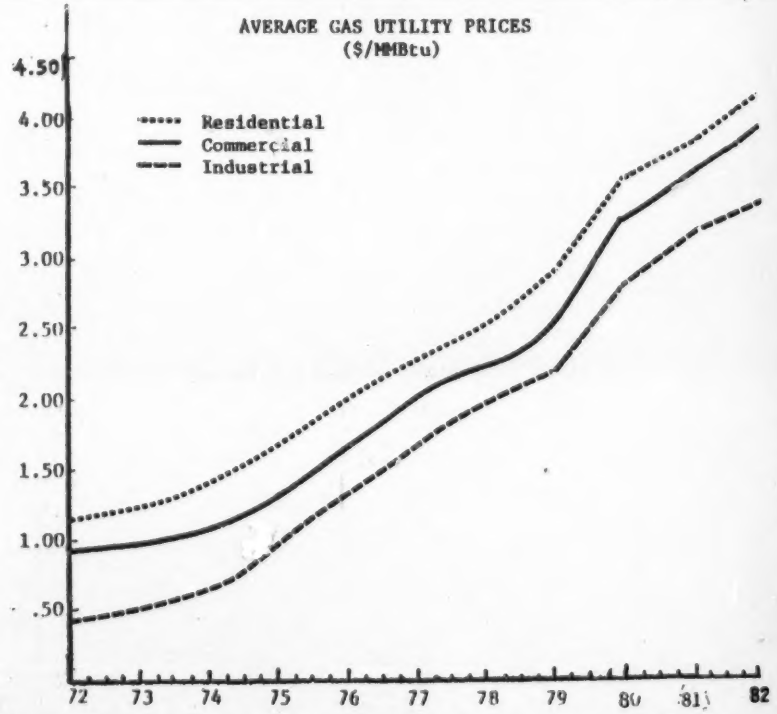
Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1972	0.73	1.19	0.91	0.45	0.41
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981[P]	3.69	4.20	3.92	3.38	2.80

[P]preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1]1982 forecasts for the residential and commercial sectors are based on available 1982 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1982 monthly data. The remaining months of 1982 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies and their degree days.

A1775:2 5/19/82

Monthly Gas Utility Statistical Report

American Gas Association

Department of Statistics

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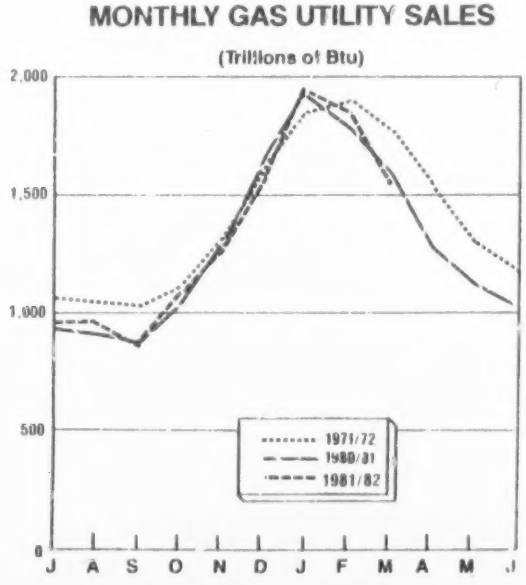
March 1982

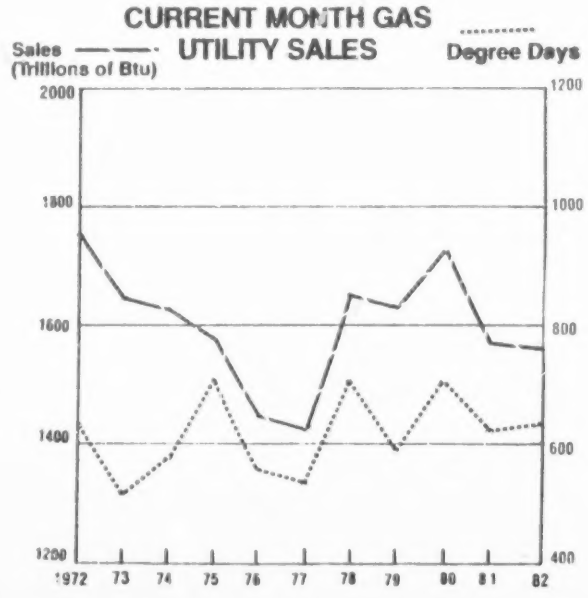
Residential sales and commercial sales increased in March of 1982 compared to last year. Residential sales increased 5.4 percent, commercial sales increased 6.5 percent, while industrial sales dropped 8.5 percent. The forecast for 1982 total sales is up 1.8 percent over 1981 total sales.

GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	March			Heating Season (Nov. - Mar.)		January 1 to December 31		
	1982	1981	% Change[2]	1982	%Change From Last Period	1982 Forecast[i]	1981[p]	% Change
Residential	626.3	594.3	+ 5.4	3,344.2	+ 1.9	4,923.3	4,657.5	+ 5.7
Commercial	299.4	281.2	+ 6.5	1,584.9	+ 3.3	2,480.4	2,374.4	+ 4.5
Industrial	621.4	679.1	- 8.5	3,177.5	- 2.9	8,063.4	8,170.9	- 1.3
Other	30.0	29.1	-	174.7	-	290.5	289.0	-
Total	1,577.1	1,583.7	- 0.4	8,281.3	+ 0.3	15,757.6	15,482.8	+ 1.8
Degree Days[p] (A.G.A.)	621.9	616.9	+ 0.8	3,876.8	+ 5.2			

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.





The peak year in sales for the Gas Utility Industry occurred in 1972

RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

March

	1982	1981	% Change '81 vs '82
Domestic Range			
Gas	119.9	143.4	- 16.3
Electric	161.1	196.6	- 18.1
Clothes Dryers			
Gas	54.2	54.0	+ 0.4
Electric	198.6	206.1	- 3.6
Warm Air Furnaces			
Gas	85.4	128.4	- 33.5
Electric	15.0	22.3	- 32.7
Oil	7.0	4.9	+ 42.9
Boilers			
Gas	7.4	13.5	- 45.2
Electric	0.1	0.1	- 16.8
Oil	4.5	3.3	+ 36.7

R- Revised

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

March

	1982	1981	% Change '81 vs '8.
Total Actual Private Housing Starts (Thous. of units)	79.5	107.8	- 26.3
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	458.6	395.3	+ 16.0
Electricity	313.3	273.9	+ 14.4
Fuel Oil	692.3	731.0	- 5.3
Index Total Gas Sales (1967 = 100)	110.3	110.7	- 0.4

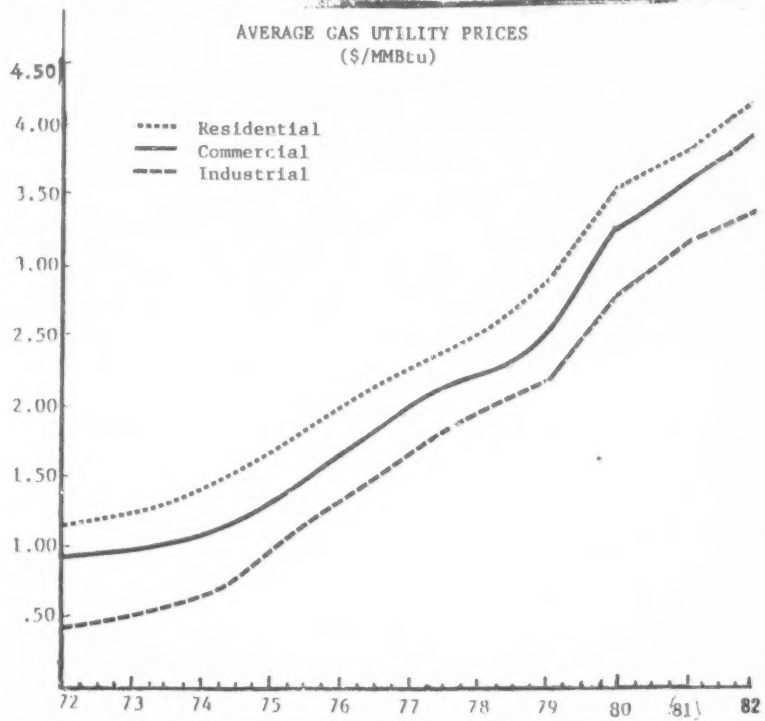
Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1972	0.73	1.19	0.91	0.45	0.41
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981[P]	3.69	4.20	3.92	3.38	2.80

[P]preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1]1982 forecasts for the residential and commercial sectors are based on available 1982 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecaut is also based on available 1982 monthly data. The remaining months of 1982 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies and their degree days.

A1775-2 8/28/82

Monthly Gas Utility Statistical Report

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2

April 1982

Residential sales and commercial sales increased in April of 1982 compared to last year. Residential sales increased 23.4 percent, commercial sales increased 16.9 percent, while industrial sales dropped 12.7 percent. Total sales were up 2.8 percent from 1,278.6 trillion Btu in April 1981 to 1,314.4 trillion Btu in April of 1982.

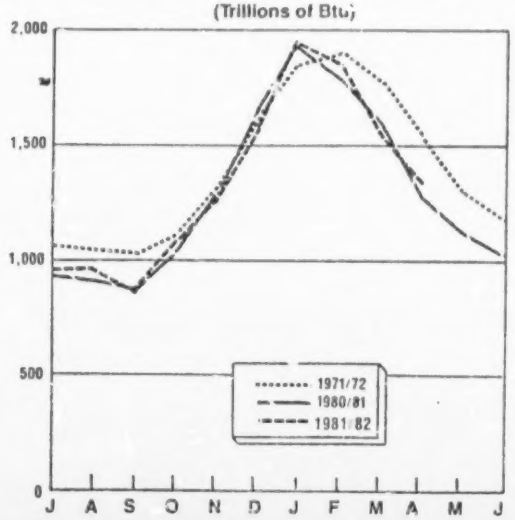
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	April			Year to Date		January 1 to December 31		
	1982	1981	% Change[2]	1982	%Change From Last Period	1982 Forecast[1]	1981[P]	% Change
Residential	469.1	380.2	+ 23.4	2,814.2	+ 8.3	4,950.9	4,657.5	+ 6.3
Commercial	220.7	188.8	+ 16.9	1,309.1	+ 8.9	2,488.4	2,374.4	+ 4.8
Industrial	598.8	685.9	- 12.7	2,462.9	- 7.3	7,976.3	8,170.9	- 2.4
Other	25.8	23.7	-	140.0	-	292.6	289.0	-
Total	1,314.4	1,278.6	+ 2.8	6,726.2	+ 2.1	15,708.2	15,482.8	+ 1.5
Degree Days[P] (A.G.A.)	420.6	266.0	+ 58.1	2,952.6	+ 15.7			

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

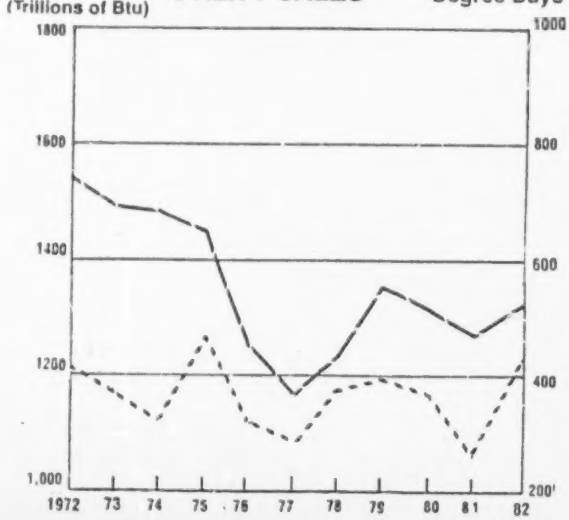
[P]preliminary

MONTHLY GAS UTILITY SALES



The peak year in sales for the Gas Utility Industry occurred in 1972.

CURRENT MONTH GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

April

	1982	1981	% Change '81 vs '82
Domestic Range			
Gas	119.6	125.4	- 4.6
Electric	169.2	221.6	- 23.7
Clothes Dryers			
Gas	43.8	53.1	- 17.5
Electric	169.8	191.6	- 11.4
Warm Air Furnaces			
Gas	71.9	110.9	- 35.2
Electric	13.3	21.0	- 36.7
Oil	4.5	3.1	+ 45.2
Boilers			
Gas	9.1	10.3	- 11.7
Electric	0.0	0.2	- 80.3
Oil	4.5	3.7	+ 20.8

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

April

	1982	1981	% Change '81 vs '82
Total Actual Private Housing Starts (Thous. of units)	84.7	123.0	- 31.1
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	465.3	399.4	+ 16.5
Electricity	312.8	277.3	+ 12.8
Fuel Oil	666.2	727.0	- 8.4
Index Total Gas Sales (1967 = 100)	111.0	108.0	+ 2.8

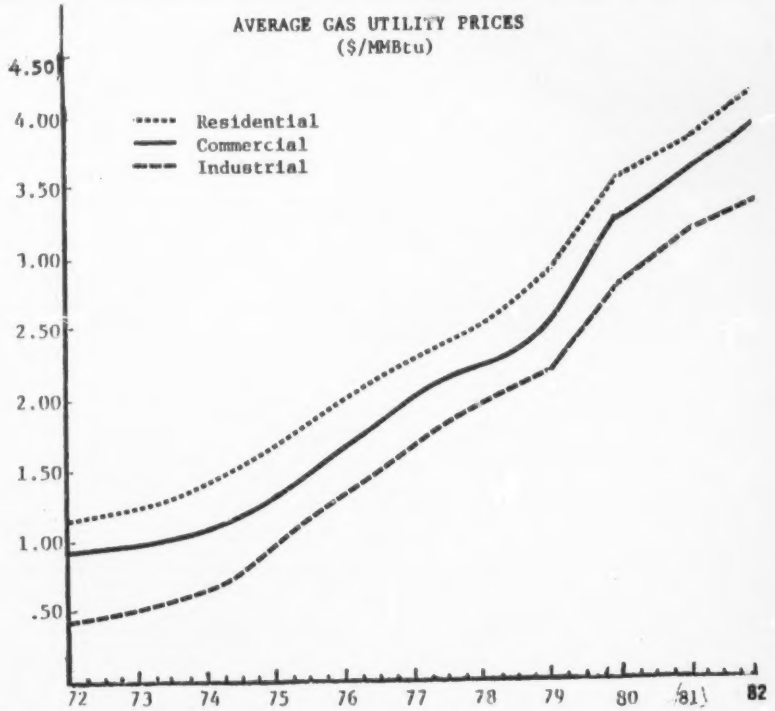
Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1972	0.73	1.19	0.91	0.45	0.41
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981[P]	3.69	4.20	3.92	3.38	2.80

[P]preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1]1982 forecasts for the residential and commercial sectors are based on available 1982 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1982 monthly data. The remaining months of 1982 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies and their degree days.

A1775-2 7/26/82

Monthly Gas Utility Statistical Report

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May 1982

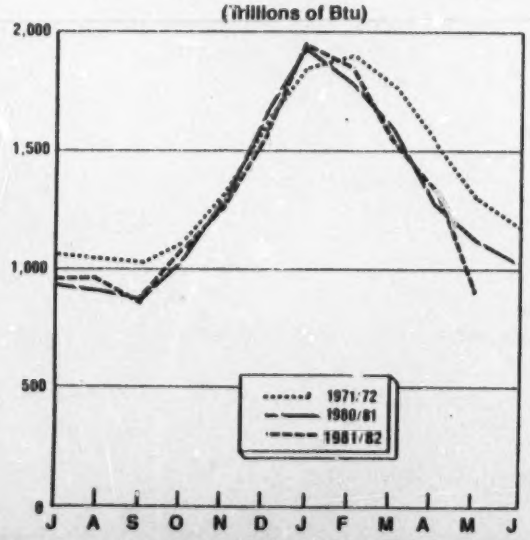
Residential sales, commercial sales, and industrial sales decreased in May of 1982 compared to last year. Residential sales decreased 5.1 percent, commercial sales decreased 5.3 percent, and industrial sales decreased 24.1 percent. The forecast for 1982 total sales is down 0.1 percent over 1981 total sales.

GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

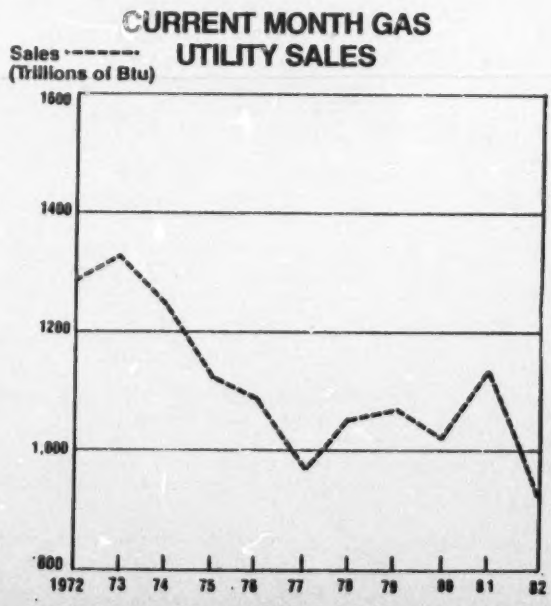
	May			Year to Date		January 1 to December 31		
	1982	1981	% Change[2]	1982	%Change From Last Period	1982 Forecast[1]	1981[P]	% Change
Residential	242.1	255.1	- 5.1	3,056.3	+ 7.1	4,907.5	4,657.5	+ 5.4
Commercial	128.7	135.9	- 5.3	1,437.8	+ 7.5	2,471.1	2,374.4	+ 4.1
Industrial	546.6	720.1	- 24.1	3,009.5	- 10.9	7,802.8	8,170.9	- 4.5
Other	13.9	14.6	-	153.9	-	291.9	289.0	-
Total	931.3	1,125.7	- 17.3	7,657.5	- 0.7	15,473.3	15,482.8	- 0.1

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

[P]preliminary



The peak year in sales for the Gas Utility Industry occurred in 1972.



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

May

	1982	1981	% Change '81 vs '82
Domestic Range			
Gas	118.9	123.4	- 3.6
Electric	150.2	193.5	- 22.4
Clothes Dryers			
Gas	39.6	47.6	- 16.8
Electric	155.2	179.8	- 13.7
Warm Air Furnaces			
Gas	68.2	105.0	- 35.0
Electric	14.0	22.5	- 37.8
Oil	4.7	3.4	+ 38.2
Boilers			
Gas	6.4	7.7	- 16.9
Electric	0.0	0.1	- 68.3
Oil	3.0	3.2	- 4.2

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

May

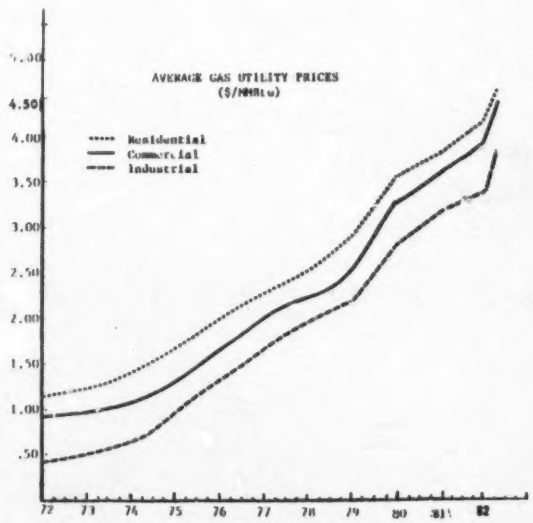
	1982	1981	% Change '81 vs '82
Total Actual Private Housing Starts (Thous. of units)	100.0	109.9	- 9.0
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	493.4	416.5	+ 18.5
Electricity	314.9	281.9	+ 11.7
Fuel Oil	670.6	720.6	- 6.9
Index Total Gas Sales (1967 = 100)	87.5	105.8	- 17.3

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981[P]	3.69	4.20	3.92	3.38	2.80
1982[P] 1st Qtr.	4.25	4.55	4.40	3.85	3.50

[P]preliminary



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A1775-2 8/26/82

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June 1982

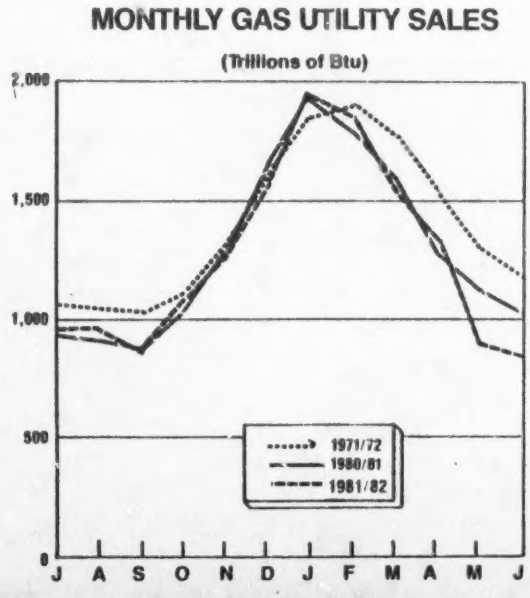
Residential sales increased 5.2 percent in June of 1982 compared to last year. Commercial sales decreased 2.4 percent and industrial sales decreased 23.2 percent. The forecast for 1982 total sales is down 1.3 percent from 1981 total sales.

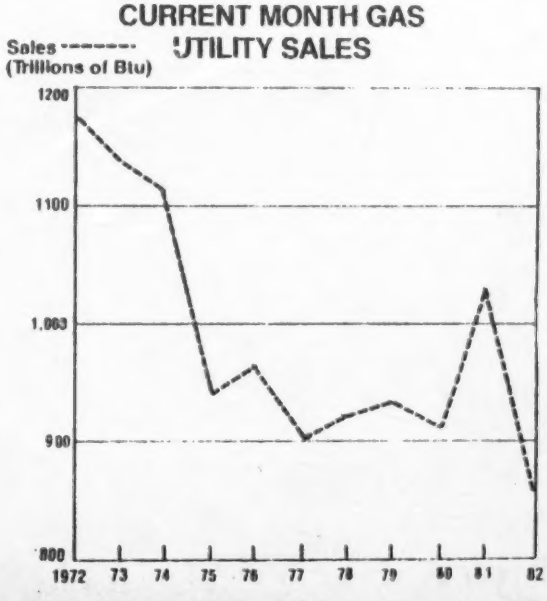
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	June			Year to Date		January 1 to December 31		
	1982	1981	% Change[2]	1982	%Change From Last Period	1982 Forecast[1]	1981[P]	% Change
Residential	170.9	162.5	+ .5.2	3,227.2	+ 7.0	4,896.3	4,657.5	+ 5.1
Commercial	98.9	101.3	- 2.4	1,536.7	+ 7.1	2,462.3	2,374.4	+ 3.7
Industrial	576.7	750.8	- 23.2	3,586.2	- 13.1	7,628.7	8,170.9	- 6.6
Other	12.8	15.4	-	166.7	-	289.3	280.0	-
Total	859.3	1,030.0	- 16.6	8,516.8	- 2.6	15,276.6	15,482.8	- 1.3

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

[P] preliminary





The peak year in sales for the Gas Utility Industry occurred in 1972.

RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

June

	1982	1981	% Change '81 vs '82
Domestic Range			
Gas	115.1	133.6	- 13.8
Electric	174.6	219.8	- 20.6
Clothes Dryers			
Gas	46.1	50.2	- 8.2
Electric	167.8	196.7	- 14.7
Warm Air Furnaces			
Gas	77.2	108.1	- 28.6
Electric	15.8	24.8	- 36.3
Oil	4.8	4.2	+ 14.3
Boilers			
Gas	9.5	10.1	- 5.9
Electric	0.0	0.2	- 72.2
Oil	3.9	4.4	- 12.1

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

June

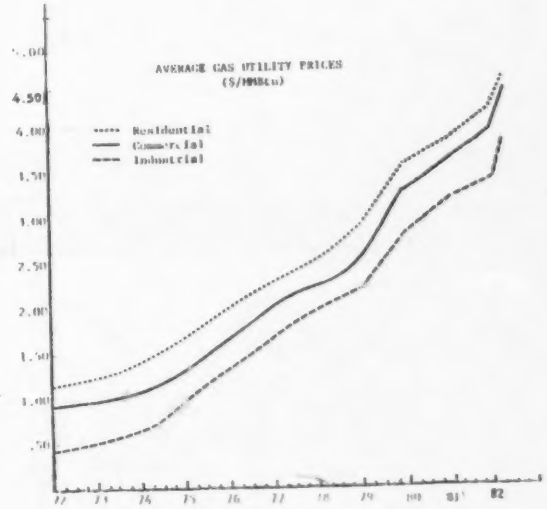
	1982	1981	% Change '81 vs '82
Total Actual Private Housing Starts (Thous. of units)	91.3	105.8	- 13.7
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	496.0	416.9	+ 19.0
Electricity	327.5	296.7	+ 10.4
Fuel Oil	684.8	715.7	- 4.3
Index Total Gas Sales (1967 = 100)	94.2	113.0	- 16.6

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.96
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981[P]	3.69	4.20	3.92	3.38	2.80
1982[P] 1st Qtr.	4.29	4.58	4.44	3.88	3.50

[P]preliminary



[1]1982 forecasts for the residential and commercial sectors are based on available 1982 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1982 monthly data. The remaining months of 1982 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies.

A1775-2 9/28/82

Monthly Gas Utility Statistical Report

American Gas Association

Department of Statistics

American Gas Association
1515 Wilson Blvd., Arlington, Virginia 22209
Telephone 703-841-8503

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July 1982

Residential sales increased 5.4 percent in July of 1982 compared to last year. Commercial sales decreased 3.9 percent and industrial sales decreased 17.4 percent. The forecast for 1982 total sales is down 2.2 percent from 1981 total sales.

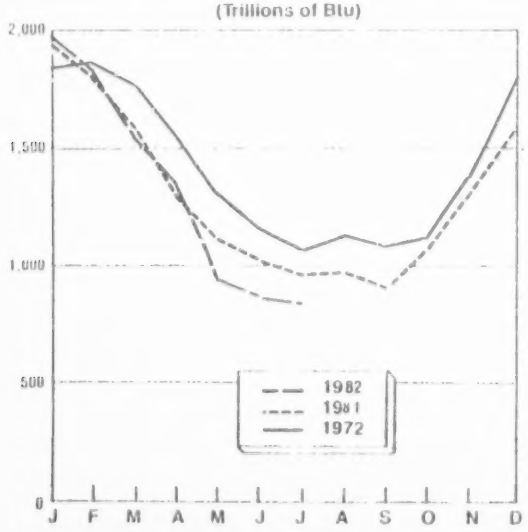
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	July			Year to Date		January 1 to December 31		
	1982	1981	% Change[2]	1982	%Change From Last Period	1982 Forecast[1]	1981[P]	% Change
Residential	143.0	135.7	+ 5.4	3,370.2	+ 6.9	4,893.7	4,657.5	+ 5.1
Commercial	94.4	98.2	- 3.9	1,631.1	+ 6.1	2,458.6	2,374.4	+ 3.5
Industrial	585.4	708.6	- 17.4	4,171.6	- 13.8	7,505.5	8,170.9	- 8.2
Other	12.1	14.1	-	178.8	-	287.3	280.0	-
Total	834.9	956.6	- 12.7	9,351.7	- 3.6	15,145.1	15,482.8	- 2.2

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

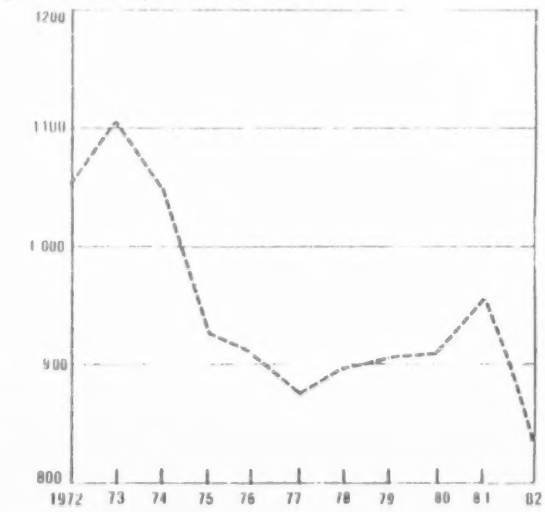
[P] preliminary

MONTHLY GAS UTILITY SALES
(Trillions of Btu)



The peak year in sales for the Gas Utility Industry occurred in 1972

CURRENT MONTH GAS UTILITY SALES
Sales
(Trillions of Btu)



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

July

	1982	1981	% Change '81 vs '82
Domestic Range			
Gas	83.2	110.3	- 24.6
Electric	166.4	198.7	- 16.3
Clothes Dryers			
Gas	41.8	50.0	- 16.4
Electric	154.5	193.2	- 20.0
Warm Air Furnaces			
Gas	83.5	114.7	- 27.2
Electric	18.9	22.1	- 14.5
Oil	5.0	3.8	+ 31.6
Boilers			
Gas	7.0	9.0	- 22.2
Electric	0.0	0.1	- 54.3
Oil	3.8	3.5	+ 8.8

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

July

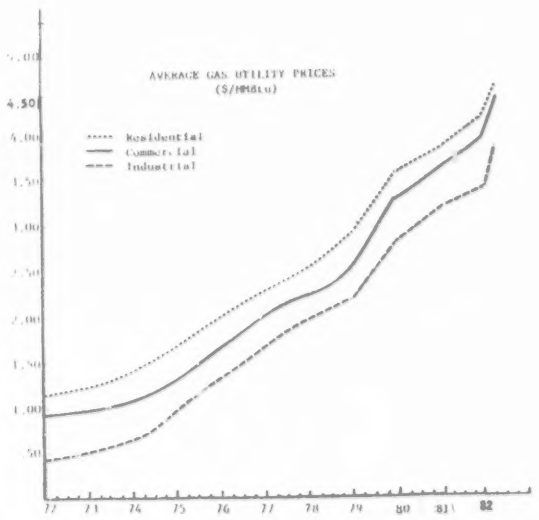
	1982	1981	% Change '81 vs '82
Total Actual Private Housing Starts (Thous. of units)	108.2	99.9	+ 8.3
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	500.2	418.6	+ 19.5
Electricity	330.5	306.2	+ 7.9
Fuel Oil	688.6	711.0	- 3.2
Index Total Gas Sales (1967 = 100)	100.7	115.4	- 12.7

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
1980	3.13	3.61	3.34	2.81	2.25
1981[P]	3.69	4.20	3.92	3.38	2.80
1982[P] 1st Qtr.	4.29	4.58	4.44	3.88	3.50

[P]preliminary



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[2]The percent change is a function of the 69 sample companies.

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A1775.2 10/24/82

Monthly Gas Utility Statistical Report

American Gas Association

Department of Statistics

American Gas Association
1515 Wilson Blvd., Arlington, Virginia 22209
Telephone 703-841-8503

August 1982

Residential sales increased 0.4 percent in August of 1982 compared to last year. Commercial sales decreased 2.4 percent and industrial sales decreased 14.9 percent. The forecast for 1982 total sales is down 2.9 percent from 1981 total sales.

GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

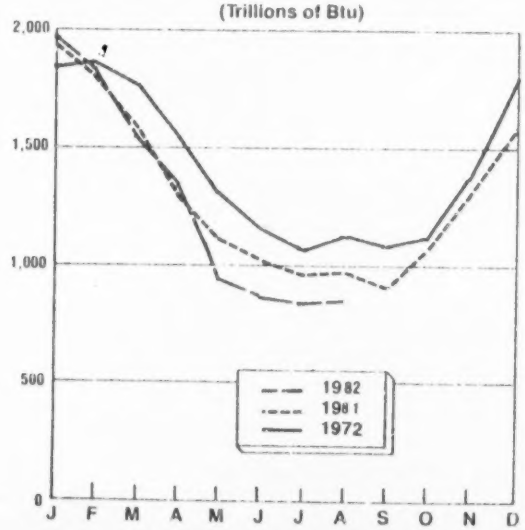
	August			Year to date		January 1 to December 31		
	1982	1981	% Change[2]	1982	%Change From Last Period	1982 Forecast[1]	1981[P]	% Change
Residential	127.8	127.3	+ 0.4	3,498.0	+ 6.7	4,889.9	4,657.5	+ 5.0
Commercial	97.1	99.5	- 2.4	1,728.2	+ 5.6	2,458.5	2,374.4	+ 3.5
Industrial	608.6	715.1	- 14.9	4,780.2	- 13.9	7,399.0	8,170.9	- 9.4
Other	13.1	16.3	-	191.9	-	284.1	280.0	-
Total	846.6	958.2	- 11.6	10,198.3	- 4.3	15,031.5	15,482.8	- 2.9

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

[P] preliminary

MONTHLY GAS UTILITY SALES

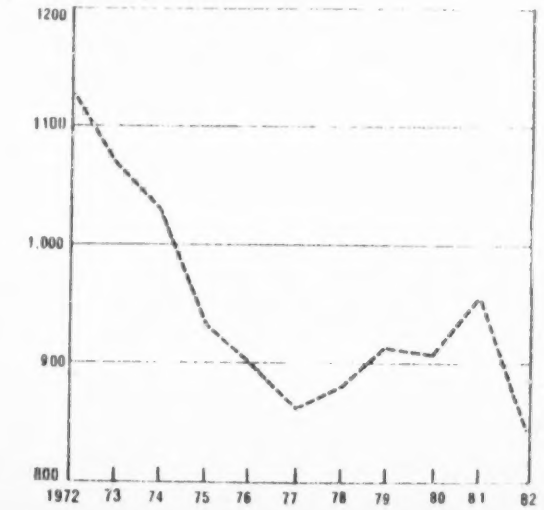
(Trillions of Btu)



The peak year in sales for the Gas Utility industry occurred in 1972

CURRENT MONTH GAS UTILITY SALES

Sales ------- (Trillions of Btu)



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RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

August

	1982	1981	% Change '81 vs '82
Domestic Range			
Gas	101.0	121.1	- 16.6
Electric	170.2	190.1	- 10.5
Clothes Dryers			
Gas	52.3	54.9	- 4.7
Electric	191.3	199.5	- 4.1
Warm Air Furnaces			
Gas	91.4	120.4	- 24.1
Electric	18.1	20.8	- 13.0
Oil	8.1	7.0	+ 15.7
Boilers			
Gas	13.4	13.8	- 2.9
Electric	0.1	0.0	- 51.0
Oil	6.2	6.2	+ 0.0

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

August

	1982	1981	% Change '81 vs '82
Total Actual Private Housing Starts (Thous. of units)	93.1	86.3	+ 7.9
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	500.6	416.1	+ 20.3
Electricity	333.7	311.9	+ 7.0
Fuel Oil	686.8	707.3	- 2.9
Index Total Gas Sales (1967 = 100)	103.0	116.5	- 11.6

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
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1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.32	1.15
1977	1.97	2.33	2.07	1.70	1.45
1978	2.18	2.53	2.28	1.91	1.50
1979	2.52	2.92	2.66	2.24	1.67
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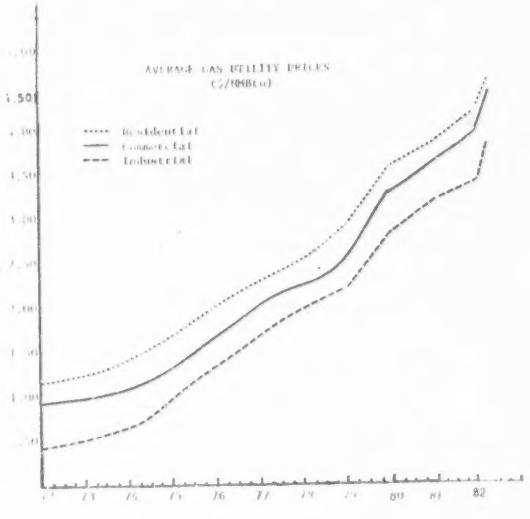

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